

Amendments to the Claims:

Please cancel claims 1 and 5-8 and add new claims 9 and 10 as shown in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application.

1-8. (cancelled)

9. (new) A method of measuring an input signal using a single-ended sense amplifier, the method comprising:

sampling a voltage present at an input node a predetermined interval before measurement of the input signal is initiated;

holding the sampled voltage at a reference node as a reference voltage; and

at the predetermined interval after sampling the voltage present at the input node, measuring an input signal at the input node by sampling the input signal and comparing it to the reference voltage.

10. (new) The method of claim 9 wherein sampling the voltage present at the input node comprises activating a sampling circuit a predetermined interval before measurement of the input signal is initiated.